

83558-5

8/5/2014

1/4



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Washington, D.C. 20460

OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

August 5, 2014

Kelly Powell  
Celsius Property B.V., Amsterdam (NL)  
c/o Makhteshim Agan of North America, Inc. (d/b/a ADAMA)  
3120 Highwoods Blvd., Suite 100  
Raleigh, NC 27604

Subject: Label Amendment (adding me-too uses)  
Paraquat Dichloride Technical  
EPA Reg. No. 83558-5  
Application Dated July 10, 2014

Dear Ms. Powell:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3. (emphasis added)

If you have any questions, please contact Mindy Ondish at (703)605-0723 or at [ondish.mindy@epa.gov](mailto:ondish.mindy@epa.gov).

Sincerely,

*Maggie R. Davis*  
for

Kable Bo Davis  
Product Manager 25  
Herbicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

2/4

# PARAQUAT DICHLORIDE TECHNICAL

For the Formulation of Paraquat-containing Herbicide Products Only

<b>ACTIVE INGREDIENT:</b>	<b>% BY WT.</b>
Paraquat dichloride (1,1'-dimethyl-4,4'-bipyridinium dichloride).....	45.4%
<b>OTHER INGREDIENTS:</b> .....	<b>54.6%</b>
<b>TOTAL:</b>	<b>100.0%</b>

Contains 3.14 pounds paraquat cation per gallon as 4.332 pounds salt per gallon.

## KEEP OUT OF REACH OF CHILDREN

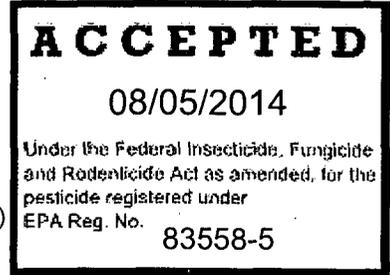
**DANGER/ PELIGRO**



**POISON**

Manufactured for:

Celsius Property B.V., Amsterdam (NL)  
 Neuhasen a. Rhf Branch  
 c/o Makhteshim Agan of North America, Inc. (d/b/a ADAMA)  
 3120 Highwoods Blvd., Suite 100  
 Raleigh NC 27604



EPA Reg. No. 83558-5

EPA Est. No. XXXXXXXXXX

**NET CONTENTS: \_\_\_\_\_ LBS**

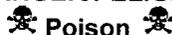
- ~~NEVER PUT INTO FOOD, DRINK, OR OTHER CONTAINERS.~~
- ~~IF SWALLOWED, TAKE IMMEDIATE ACTION AS PRESCRIBED IN FIRST AID SECTION. SYMPTOMS ARE PROLONGED AND PAINFUL.~~

See additional precautionary statements and directions for use found elsewhere on this label.

<b>FIRST AID</b>	
<b>Contains Paraquat, a Bipyridylum Herbicide</b>	
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• <b>SPEED IS ESSENTIAL.</b> Immediate medical attention is required. If available, give an adsorbent such as activated charcoal, bentonite, or Fuller's Earth.</li> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• The odor of this product is from the stenching agent, which has been added, not from the paraquat.</li> <li>• If person is not breathing, call 911 or an ambulance.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<p><b>NOTE TO PHYSICIAN:</b> Administer either activated charcoal (100 g for adults or 2 g/kg body weight in children) or Fuller's Earth (15% solution; 1 liter for adults or 15ml/kg body weight in children). NOTE: The use of gastric lavage without administration of an adsorbent has not shown any clinical benefit. Do not use supplemental oxygen. Eye splashes from concentrated material should be treated by an eye specialist after initial treatment. With the possibility of late onset corneal ulceration, it is advised that patients with paraquat eye injuries are reviewed by an eye specialist the day after first presentation. Use treatment that is appropriate for chemical burns. Intact skin is an effective barrier to paraquat, however contact with irritated or cut skin or repeated contact with intact skin may result in poisoning.</p>	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	

For 24-Hour Medical Emergency Assistance (Human or Animal), call Prozar at 1-877-250-9291.

**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans and Domestic Animals**  
**DANGER/PELIGRO**



May be fatal if swallowed. Fatal if inhaled. Do not breathe spray mist. Do not inhale contaminated plant dust. Causes substantial but temporary eye injury. Wear face shield. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin.

**IMPORTANT:** Inhalation is an unlikely route of exposure due to low vapor pressure, but mucosal irritation or nose bleeds may occur. Prolonged contact with this concentrated product can irritate your skin. The effect of swallowing paraquat concentrate is far more severe than that which usually results from skin contact or inhalation of contaminated plant dust. This product should not cause injury if used according to label instructions.

**When handling or mixing concentrate or when exposure to concentrate is possible, wear:**

- Long-sleeve shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Face shield
- Protective eyewear
- Chemical resistant apron
- Dust/mist filtering NIOSH approved respirator with any R, P, or HE filter

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

**REMOVE** contaminated clothing and wash separate from other laundry before reuse.

**ENVIRONMENTAL HAZARDS**

This product is toxic to wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in a National Pollutant Discharge Elimination System (NPDES) permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of EPA.

**PHYSICAL AND CHEMICAL HAZARDS**

This product reacts with aluminum to product hydrogen gas which may form a highly combustible gas mixture. Do not mix or store in containers, tanks, or such systems made of aluminum or having aluminum fittings.

**EQUIPMENT/CONTAINER:** Flush all equipment with water after use each day. Paraquat is corrosive to aluminum. Aluminum equipment and aluminum structures that are exposed to solution or spillage should be flushed thoroughly with water immediately after use.

**SPILLAGE DURING TRANSPORT**

**Emergency action:** Notify police and fire departments immediately for any spill, leak, fire or exposure in the United States. In other countries, call your local ADAMA agent.

**KEEP PUBLIC AND ANIMALS** away from your area. **MARK ROADS AND WARN OTHER ROAD USERS.** **WEAR** face shield, chemical-resistant gloves, waterproof footwear, and long-sleeve shirt and long pants during decontamination operations.

Clean up spills as soon as possible. Cover spill with generous amount of clay or loam soil to absorb liquid, using a stiff broom to ensure intimate contact. Sweep onto shovel and transfer to plastic bag or other disposable container. Repeat operations until contaminated surfaces are dry. Finally, hose spill site with water if feasible.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.**

Only for formulation into an herbicide for the following uses:

- (1) **Terrestrial Food:** Alfalfa, Almonds, Artichoke (Globe), Asparagus, Berries, Cacao, Cassavas, Clover and other Legumes, Corn (pop, field, sweet, and seed), Cotton, Dry beans, Dry peas, Easter Lillies, Fallow land, Garlic, Guar, Guava, Hops, Lentils, Mint, Onions, Passion Fruit, Pastures, Peanuts, Persimmon, Pigeon peas, Pineapple, Potato, Rice, Safflower, Small fruits, Small grains, Sorghum, Soybeans, Strawberries, Sugar Beets, Sugarcane, Sunflower, Taniers, Taro, Trees and Vines, Perennial Tropical and Subtropical Fruit Trees, Tyfon, Vegetables, Yams;  
**Terrestrial Nonfood:** Chemical Fallow, Conservation Compliance Lands, Conservation Reserve Lands, Federal Set-Aside Lands, Grasses grown for seed, Resin soaking (pines), Noncrop Uses (including but not limited to public airports, electric transformer stations, pipeline pumping stations, around commercial buildings, storage yards and other installations, and fencelines), Tree Plantation Establishment;
- (2) Uses for which USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration; and
- (3) Uses for experimental purposes that are in compliance with USEPA requirements.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store at temperatures above 32°F.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available; or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!**

**LIMITATION OF WARRANTY AND LIABILITY**

Read the entire directions for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following **CONDITIONS, DISCLAIMER OF WARRANTIES, and LIMITATIONS OF LIABILITY.**

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Celsius Property B.V., Amsterdam (NL) Neuhasen a. Rhf Branch. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, Celsius Property B.V., Amsterdam (NL) Neuhasen a. Rhf Branch makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Celsius Property B.V., Amsterdam (NL) Neuhasen a. Rhf Branch is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Celsius Property B.V., Amsterdam (NL) Neuhasen a. Rhf Branch disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

**LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Celsius Property B.V., Amsterdam (NL) Neuhasen a. Rhf Branch's election, the replacement of product.